

L1 STRUCTURE UPLOADED
L2 3 S L1 SSS SAM
L3 21 S L1 SSS FULL

FILE 'CAPLUS' ENTERED AT 15:07:21 ON 14 MAY 2007
L4 2 S L3

=> d his

(FILE 'HOME' ENTERED AT 15:05:29 ON 14 MAY 2007)

FILE 'REGISTRY' ENTERED AT 15:05:38 ON 14 MAY 2007
L1 STRUCTURE UPLOADED
L2 3 S L1 SSS SAM
L3 21 S L1 SSS FULL

FILE 'CAPLUS' ENTERED AT 15:07:21 ON 14 MAY 2007
L4 2 S L3

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PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	JAN 08	CHEMLIST enhanced with New Zealand Inventory of Chemicals
NEWS	3	JAN 16	CA/CAPLUS Company Name Thesaurus enhanced and reloaded
NEWS	4	JAN 16	IPC version 2007.01 thesaurus available on STN
NEWS	5	JAN 16	WPIDS/WPINDEX/WPIX enhanced with IPC 8 reclassification data
NEWS	6	JAN 22	CA/CAPLUS updated with revised CAS roles
NEWS	7	JAN 22	CA/CAPLUS enhanced with patent applications from India
NEWS	8	JAN 29	PHAR reloaded with new search and display fields
NEWS	9	JAN 29	CAS Registry Number crossover limit increased to 300,000 in multiple databases
NEWS	10	FEB 15	PATDPASPC enhanced with Drug Approval numbers
NEWS	11	FEB 15	RUSSIAPAT enhanced with pre-1994 records
NEWS	12	FEB 23	KOREAPAT enhanced with IPC 8 features and functionality
NEWS	13	FEB 26	MEDLINE reloaded with enhancements
NEWS	14	FEB 26	EMBASE enhanced with Clinical Trial Number field
NEWS	15	FEB 26	TOXCENTER enhanced with reloaded MEDLINE
NEWS	16	FEB 26	IFICDB/IFIPAT/IFIUDB reloaded with enhancements
NEWS	17	FEB 26	CAS Registry Number crossover limit increased from 10,000 to 300,000 in multiple databases
NEWS	18	MAR 15	WPIDS/WPIX enhanced with new FRAGHITSTR display format
NEWS	19	MAR 16	CASREACT coverage extended
NEWS	20	MAR 20	MARPAT now updated daily
NEWS	21	MAR 22	LWPI reloaded
NEWS	22	MAR 30	RDISCLOSURE reloaded with enhancements
NEWS	23	APR 02	JICST-EPLUS removed from database clusters and STN
NEWS	24	APR 30	GENBANK reloaded and enhanced with Genome Project ID field
NEWS	25	APR 30	CHEMCATS enhanced with 1.2 million new records
NEWS	26	APR 30	CA/CAPLUS enhanced with 1870-1889 U.S. patent records
NEWS	27	APR 30	INPADOC replaced by INPADOCDB on STN
NEWS	28	MAY 01	New CAS web site launched
NEWS	29	MAY 08	CA/CAPLUS Indian patent publication number format defined
NEWS	30	MAY 11	RDISCLOSURE on STN Easy enhanced with new search and display fields
NEWS	EXPRESS		NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.
NEWS	HOURS		STN Operating Hours Plus Help Desk Availability
NEWS	LOGIN		Welcome Banner and News Items
NEWS	IPC8		For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 15:05:29 ON 14 MAY 2007

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 15:05:38 ON 14 MAY 2007

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STRUCTURE FILE UPDATES: 13 MAY 2007 HIGHEST RN 934672-05-6

DICTIONARY FILE UPDATES: 13 MAY 2007 HIGHEST RN 934672-05-6

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TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

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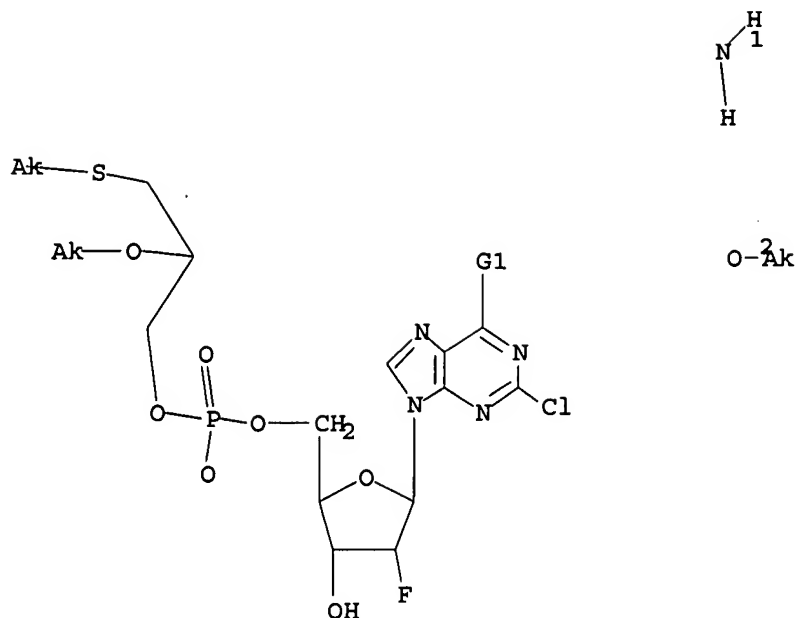
Uploading A:\10.549799.R1.Herrmann et al.. R1.str

L1 STRUCTURE UPLOADED

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L1 HAS NO ANSWERS

L1 STR



G1 [@1], [@2]

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam

SAMPLE SEARCH INITIATED 15:06:14 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 3 TO ITERATE

100.0% PROCESSED 3 ITERATIONS

3 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 3 TO 163

PROJECTED ANSWERS: 3 TO 163

L2 3 SEA SSS SAM L1

=> s l1 sss full

FULL SEARCH INITIATED 15:06:22 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 26 TO ITERATE

100.0% PROCESSED 26 ITERATIONS

21 ANSWERS

SEARCH TIME: 00.00.12

L3 21 SEA SSS FUL L1

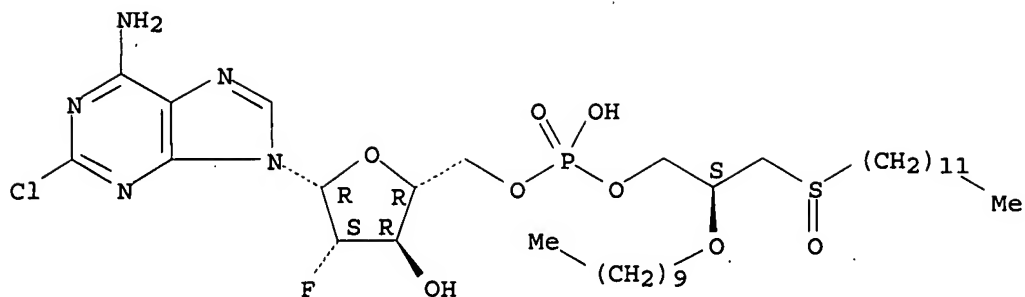
=> d scan

L3 21 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN

IN 9H-Purin-6-amine, 2-chloro-9-[5-O-[[(2S)-2-(decyloxy)-3-(dodecylsulfinyl)propoxy]hydroxyphosphinyl]-2-deoxy-2-fluoro-β-D-arabinofuranosyl]- (9CI)

MF C35 H62 Cl F N5 O8 P S

Absolute stereochemistry.

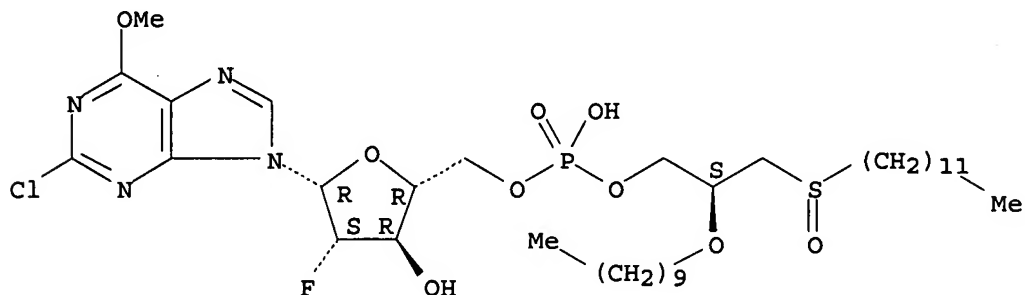


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):3

L3 21 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN 9H-Purine, 2-chloro-9-[5-O-[[[(2S)-2-(decyloxy)-3-(dodecylsulfinyl)propoxy]hydroxyphosphinyl]-2-deoxy-2-fluoro-β-D-arabinofuranosyl]-6-methoxy- (9CI)
 MF C36 H63 Cl F N4 O9 P S

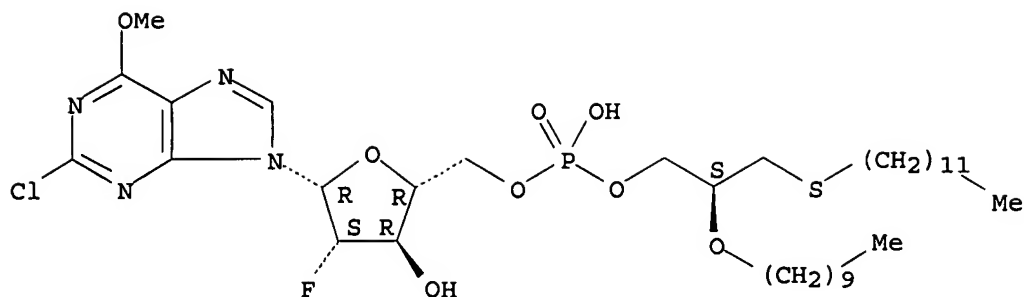
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 21 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN 9H-Purine, 2-chloro-9-[5-O-[[[(2S)-2-(decyloxy)-3-(dodecylthio)propoxy]hydroxyphosphinyl]-2-deoxy-2-fluoro-β-D-arabinofuranosyl]-6-methoxy- (9CI)
 MF C36 H63 Cl F N4 O8 P S

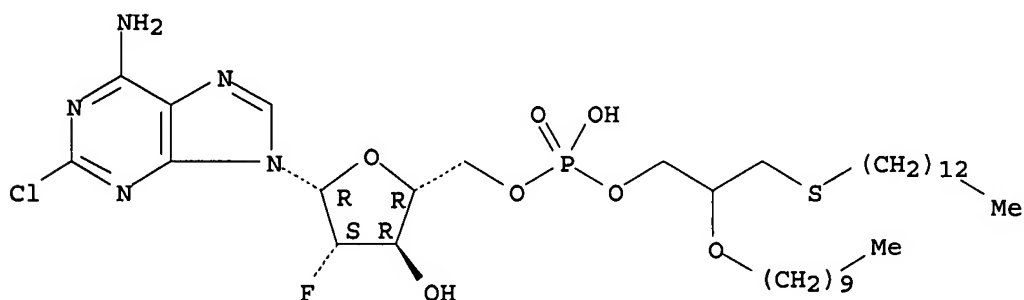
Absolute stereochemistry. Rotation (+).



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 21 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN 9H-Purin-6-amine, 2-chloro-9-[5-O-[[2-(decyloxy)-3-(tridecylthio)propoxy]hydroxyphosphinyl]-2-deoxy-2-fluoro-beta-D-arabinofuranosyl]-(9CI)
 MF C36 H64 Cl F N5 O7 P S

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):end

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

173.00

173.21

FILE 'CAPLUS' ENTERED AT 15:07:21 ON 14 MAY 2007

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FILE LAST UPDATED: 13 May 2007 (20070513/ED)

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=> s 13

L4 2 L3

=> d 14 ed ibib abs hitstr 1-2

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2007 ACS on STN

ED Entered STN: 30 Sep 2004

ACCESSION NUMBER: 2004:799545 CAPLUS

DOCUMENT NUMBER: 141:277847

TITLE: Preparation of nucleotide glycerophospholipid esters as antitumor agents

INVENTOR(S): Herrmann, Dieter; Heckl-oestreicher, Brigitte; Mueller, Christoph; Lutz, Christian; Voigt, Robert; Bauta, William E.

PATENT ASSIGNEE(S): Germany

SOURCE: PCT Int. Appl., 34 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

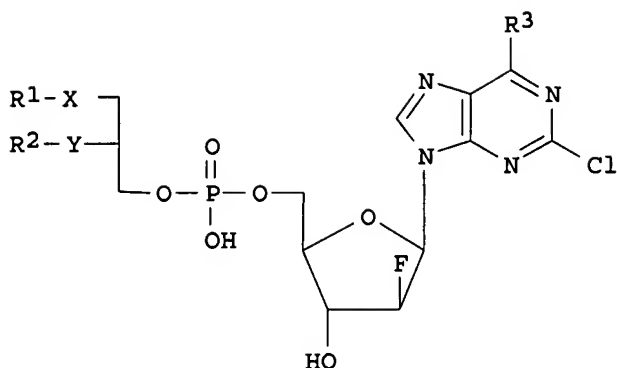
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004083155	A2	20040930	WO 2004-EP2810	20040318
WO 2004083155	A3	20050331		
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RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
EP 1460082	A1	20040922	EP 2003-6059	20030319
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
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JP 2006520359	T	20060907	JP 2006-504723	20040318
NO 2005003903	A	20051219	NO 2005-3903	20050822
US 2006293514	A1	20061228	US 2005-549799	20051121
PRIORITY APPLN. INFO.:			EP 2003-6059	A 20030319
			US 2003-456003P	P 20030319
			WO 2004-EP2810	W 20040318
OTHER SOURCE(S):	MARPAT 141:277847			

GI



I

AB Lipid esters of halogenated-adenine nucleotides I, wherein R1 is selected from the group consisting of alkyl chain having 1-20 carbon atoms, which is unsubstituted or substituted at least once by halogen, alkoxy, alkyl-mercapto, alkoxycarbonyl, alkyl-sulfinyl or alkyl-sulfonyl groups; R2 is selected from the group consisting of hydrogen, alkyl chain having 1-20 carbon atoms, which is unsubstituted or substituted at least once by halogen, alkoxy, alkyl-mercapto, alkoxycarbonyl or alkyl-sulfonyl groups; R3 is amino or OR4, wherein R4 is alkyl; X is selected from the group consisting of a sulfur atom, a sulfinyl group and a sulfonyl group; Y is oxygen; whereby when R3 is amino, said amino group may be unsubstituted or substituted by a known amino protecting group, their tautomers, their optically active forms and racemic mixts., and their physiol. acceptable salts of inorg. and organic acids or bases and the use of such lipid esters in the treatment of tumors. Thus, nucleotide I [X = S, Y = O, R1 = (CH2)11Me, R2 = (CH2)9Me, R3 = NH2] was prepared and tested as antitumor agent. The antitumor activity of the nucleotide conjugate and its corresponding nucleoside has been compared in the human col on carcinoma xenograft HCT-15 model in nude mice (98% tumor inhibition).

IT 758705-72-5P 758705-76-9P 758705-77-0P

758705-78-1P 758705-79-2P

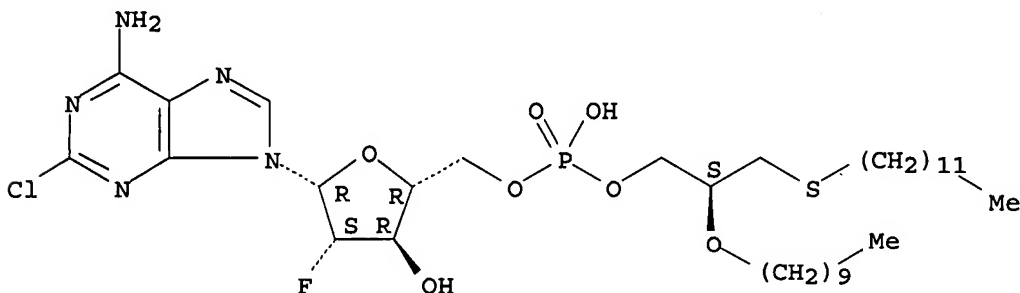
RL: IMF (Industrial manufacture); PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of nucleotide glycerophospholipid esters as antitumor agents)

RN 758705-72-5 CAPLUS

CN 9H-Purin-6-amine, 2-chloro-9-[5-O-[(2S)-2-(decyloxy)-3-(dodecylthio)propoxy]hydroxyphosphinyl]-2-deoxy-2-fluoro-β-D-arabinofuranosyl]- (9CI) (CA INDEX NAME)

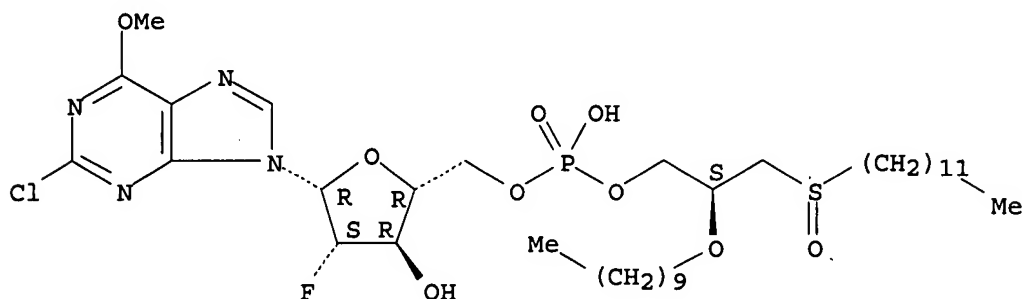
Absolute stereochemistry.



RN 758705-76-9 CAPLUS

CN 9H-Purine, 2-chloro-9-[5-O-[[[(2S)-2-(decyloxy)-3-(dodecylsulfinyl)propoxy]hydroxyphosphinyl]-2-deoxy-2-fluoro-β-D-arabinofuranosyl]-6-methoxy- (9CI) (CA INDEX NAME)

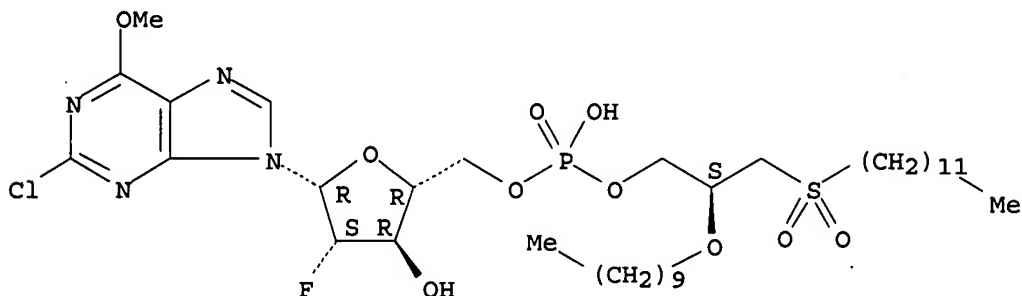
Absolute stereochemistry.



RN 758705-77-0 CAPLUS

CN 9H-Purine, 2-chloro-9-[5-O-[[[(2S)-2-(decyloxy)-3-(dodecylsulfonyl)propoxy]hydroxyphosphinyl]-2-deoxy-2-fluoro-β-D-arabinofuranosyl]-6-methoxy- (9CI) (CA INDEX NAME)

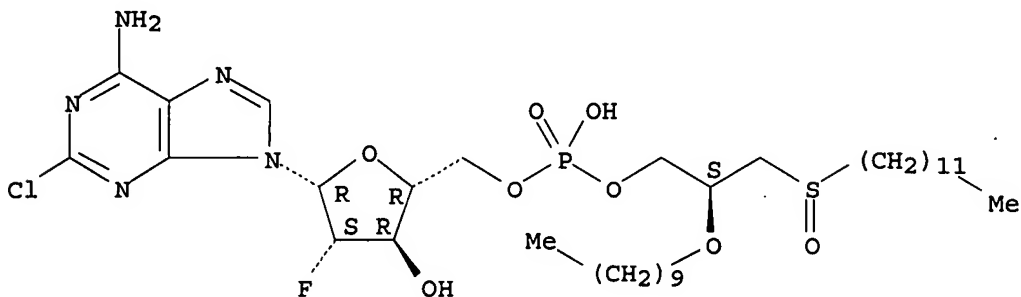
Absolute stereochemistry.



RN 758705-78-1 CAPLUS

CN 9H-Purin-6-amine, 2-chloro-9-[5-O-[[[(2S)-2-(decyloxy)-3-(dodecylsulfinyl)propoxy]hydroxyphosphinyl]-2-deoxy-2-fluoro-β-D-arabinofuranosyl]- (9CI) (CA INDEX NAME)

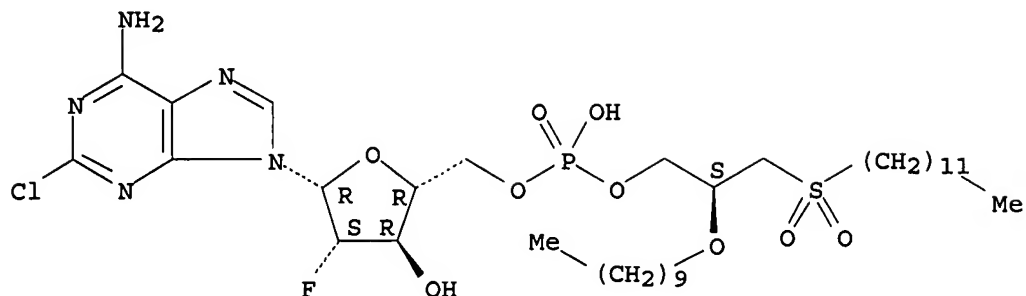
Absolute stereochemistry.



RN 758705-79-2 CAPLUS

CN 9H-Purin-6-amine, 2-chloro-9-[5-O-[[[(2S)-2-(decyloxy)-3-(dodecylsulfonyl)propoxy]hydroxyphosphinyl]-2-deoxy-2-fluoro-β-D-arabinofuranosyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



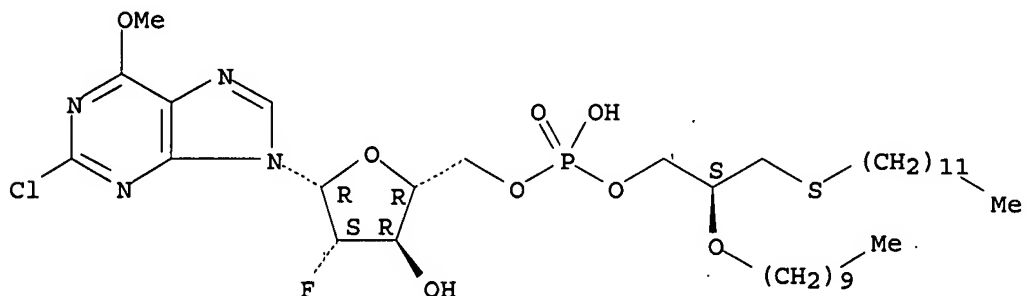
IT 758705-71-4P

RL: IMF (Industrial manufacture); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of nucleotide glycerophospholipid esters as antitumor agents)

RN 758705-71-4 CAPLUS

CN 9H-Purine, 2-chloro-9-[5-O-[[(2S)-2-(decyloxy)-3-(dodecylthio)propoxy]hydroxyphosphinyl]-2-deoxy-2-fluoro-beta-D-arabinofuranosyl]-6-methoxy- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2007 ACS on STN

ED Entered STN: 22 Sep 2004

ACCESSION NUMBER: 2004:772657 CAPLUS

DOCUMENT NUMBER: 141:254561

TITLE: Phospholipid esters of clofarabine derivatives

INVENTOR(S): Voigt, Robert; Mueller, Christoph; Lutz, Christian; Scherhag, Rudi; Herrmann, Dieter

PATENT ASSIGNEE(S): Heidelberg Pharma Holding G.m.b.H., Germany

SOURCE: Eur. Pat. Appl., 13 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1460082	A1	20040922	EP 2003-6059	20030319
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AU 2004222163	A1	20040930	AU 2004-222163	20040318
CA 2519434	A1	20040930	CA 2004-2519434	20040318
WO 2004083155	A2	20040930	WO 2004-EP2810	20040318
WO 2004083155	A3	20050331		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
 RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

EP 1606233	A2	20051221	EP 2004-721537	20040318
EP 1606233	B1	20060531		
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PT 1606233	T	20060929	PT 2004-721537	20040318
NO 2005003903	A	20051219	NO 2005-3903	20050822
US 2006293514	A1	20061228	US 2005-549799	20051121

PRIORITY APPLN. INFO.:

EP 2003-6059	A	20030319
US 2003-456003P	P	20030319
WO 2004-EP2810	W	20040318

OTHER SOURCE(S): MARPAT 141:254561

AB The subject of the present invention are specific lipid esters of halogenated-adenine nucleotides and the use of such lipid esters in the treatment of tumors. For example, [2-chloro-9-(2'-deoxy-2'-fluoroarabinofuranosyl)adenine]-5'-phosphoric acid (3-dodecylmercapto-2-decyloxy) ester was prepared in the yield of 0.82 g (62%) by the reaction of 0.91 g of phosphoric acid (3-dodecylmercapto-2-decyloxy) ester with 0.5 g of 2-chloro-9-(2'-deoxy-2'-fluoroarabinofuranosyl)adenine (clofarabine).

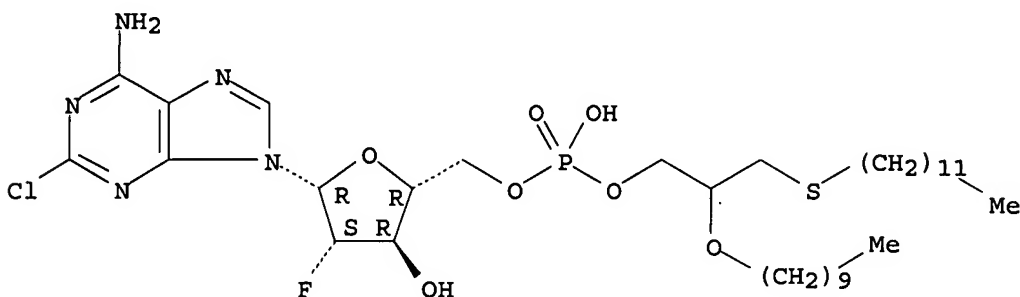
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 756843-74-0 756843-75-1 756843-76-2
 756843-77-3 756843-78-4 756843-79-5

RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (phospholipid esters of clofarabine derivs. for tumor treatment)

RN 756843-64-8 CAPLUS

CN 9H-Purin-6-amine, 2-chloro-9-[5-O-[[2-(decyloxy)-3-(dodecylthio)propoxy]hydroxyphosphinyl]-2-deoxy-2-fluoro-β-D-arabinofuranosyl]- (9CI) (CA INDEX NAME)

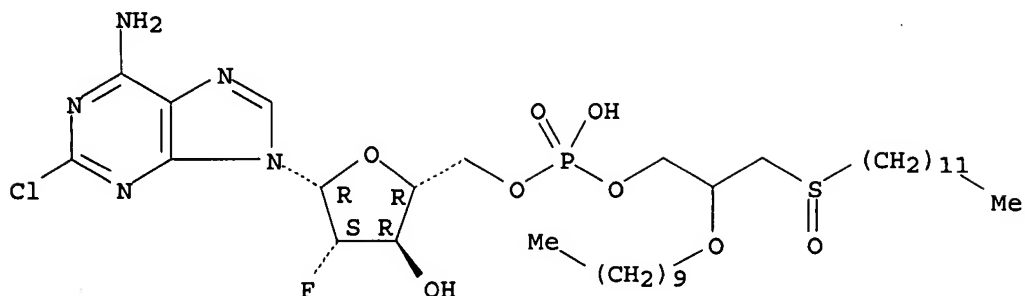
Absolute stereochemistry.



RN 756843-65-9 CAPLUS

CN 9H-Purin-6-amine, 2-chloro-9-[5-O-[[2-(decyloxy)-3-(dodecylsulfinyl)propoxy]hydroxyphosphinyl]-2-deoxy-2-fluoro-β-D-arabinofuranosyl]- (9CI) (CA INDEX NAME)

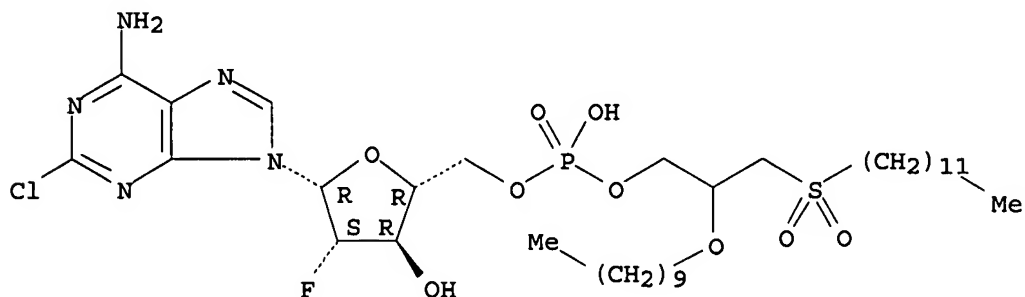
Absolute stereochemistry.



RN 756843-66-0 CAPLUS

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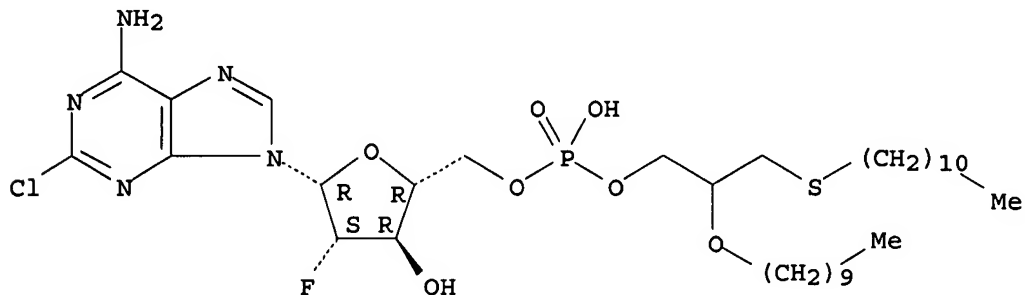
Absolute stereochemistry.



RN 756843-67-1 CAPLUS

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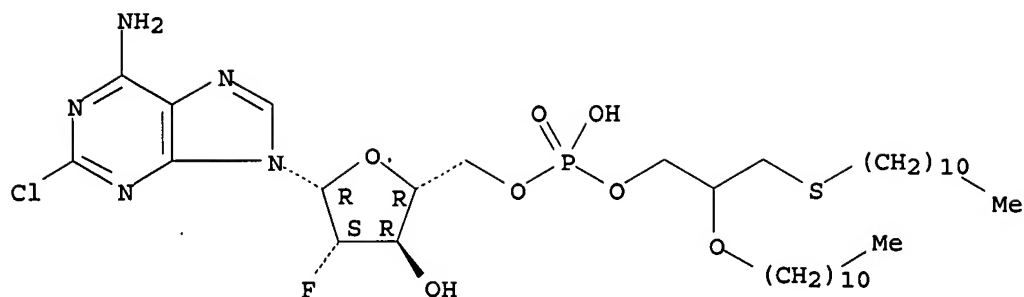
Absolute stereochemistry.



RN 756843-68-2 CAPLUS

CN 9H-Purin-6-amine, 2-chloro-9-[2-deoxy-2-fluoro-5-O-[hydroxy[2-(undecyloxy)-3-(undecylthio)propoxy]phosphinyl]-beta-D-arabinofuranosyl]- (9CI) (CA INDEX NAME)

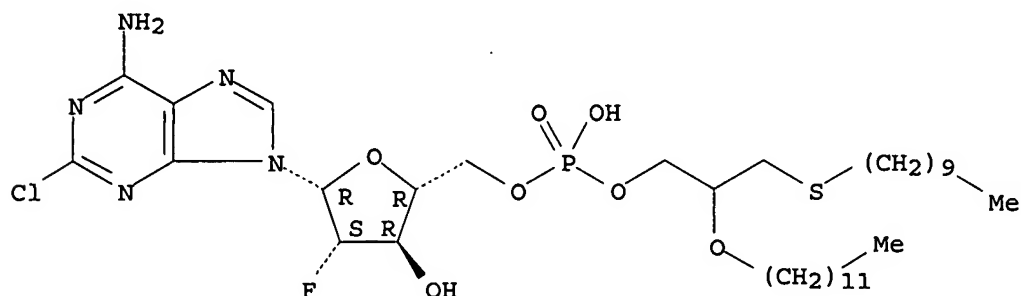
Absolute stereochemistry.



RN 756843-69-3 CAPLUS

CN 9H-Purin-6-amine, 2-chloro-9-[5-O-[[3-(decylthio)-2-(dodecyloxy)propoxy]hydroxyphosphinyl]-2-deoxy-2-fluoro-β-D-arabinofuranosyl]- (9CI) (CA INDEX NAME)

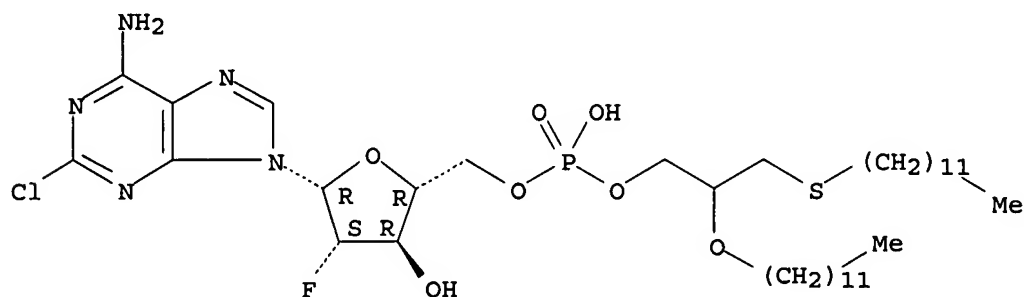
Absolute stereochemistry.



RN 756843-70-6 CAPLUS

CN 9H-Purin-6-amine, 2-chloro-9-[2-deoxy-5-O-[[2-(dodecyloxy)-3-(decylthio)propoxy]hydroxyphosphinyl]-2-fluoro-β-D-arabinofuranosyl]- (9CI) (CA INDEX NAME)

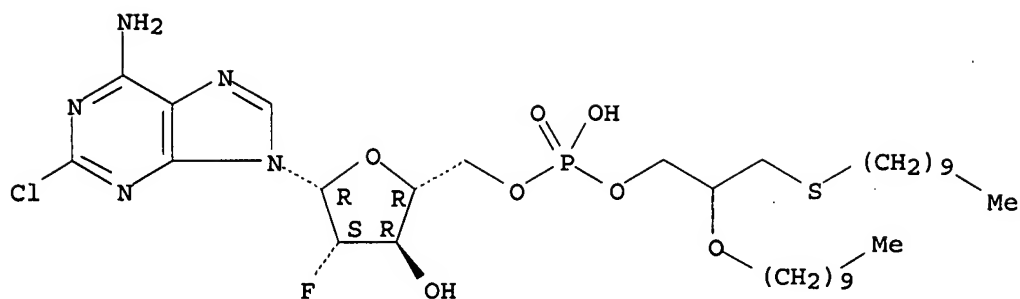
Absolute stereochemistry.



RN 756843-72-8 CAPLUS

CN 9H-Purin-6-amine, 2-chloro-9-[5-O-[[2-(decyloxy)-3-(decylthio)propoxy]hydroxyphosphinyl]-2-deoxy-2-fluoro-β-D-arabinofuranosyl]- (9CI) (CA INDEX NAME)

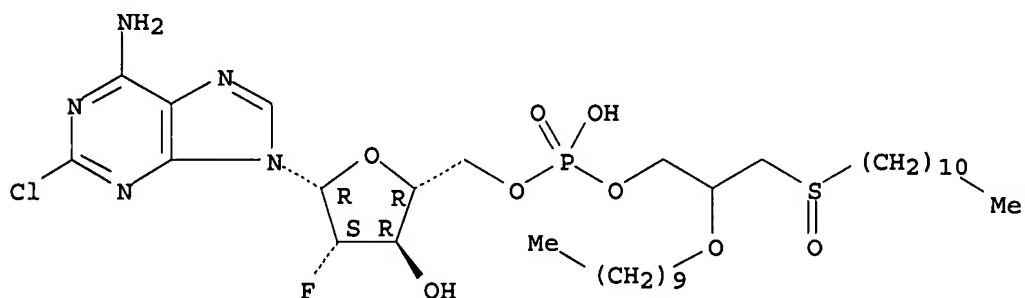
Absolute stereochemistry.



RN 756843-73-9 CAPLUS

CN 9H-Purin-6-amine, 2-chloro-9-[5-O-[[2-(decyloxy)-3-(undecylsulfanyl)propoxy]hydroxyphosphinyl]-2-deoxy-2-fluoro-β-D-arabinofuranosyl]-(9CI) (CA INDEX NAME)

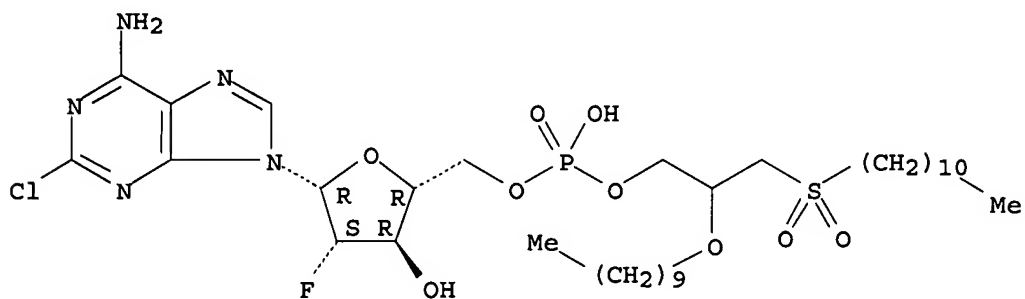
Absolute stereochemistry.



RN 756843-74-0 CAPLUS

CN 9H-Purin-6-amine, 2-chloro-9-[5-O-[[2-(decyloxy)-3-(undecylsulfonyl)propoxy]hydroxyphosphinyl]-2-deoxy-2-fluoro-β-D-arabinofuranosyl]-(9CI) (CA INDEX NAME)

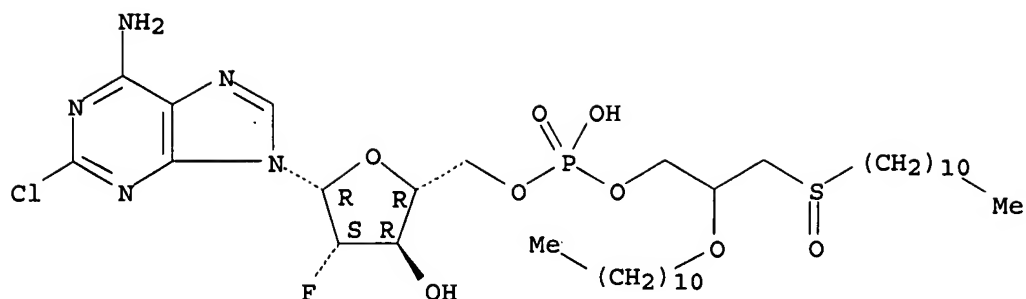
Absolute stereochemistry.



RN 756843-75-1 CAPLUS

CN 9H-Purin-6-amine, 2-chloro-9-[2-deoxy-2-fluoro-5-O-[hydroxy[2-(undecyloxy)-3-(undecylsulfanyl)propoxy]phosphinyl]-β-D-arabinofuranosyl]-(9CI) (CA INDEX NAME)

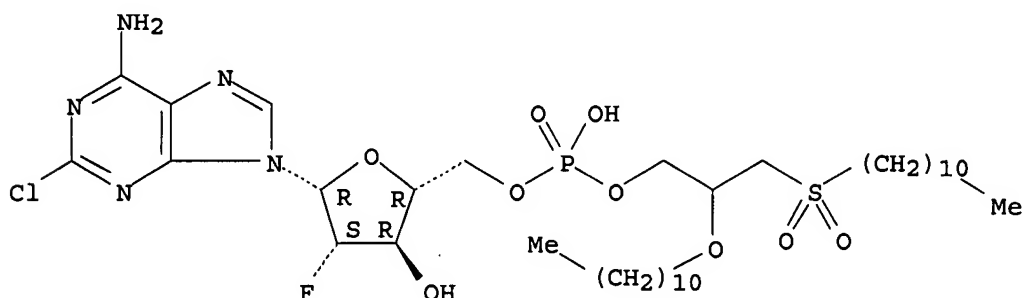
Absolute stereochemistry.



RN 756843-76-2 CAPLUS

CN 9H-Purin-6-amine, 2-chloro-9-[2-deoxy-2-fluoro-5-O-[hydroxy[2-(undecyloxy)-3-(undecylsulfonyl)propoxy]phosphinyl]-β-D-arabinofuranosyl]- (9CI)
(CA INDEX NAME)

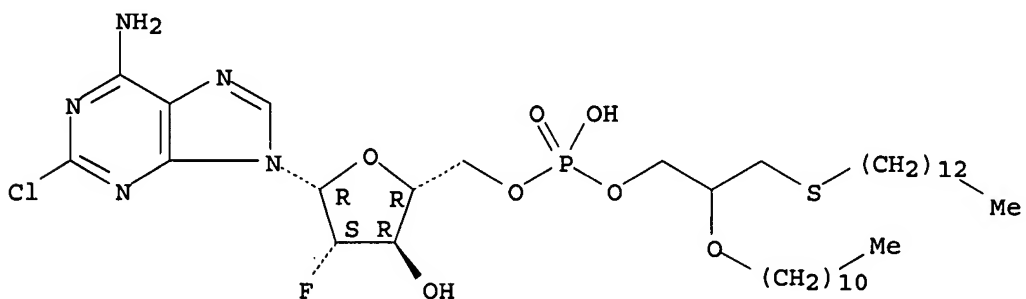
Absolute stereochemistry.



RN 756843-77-3 CAPLUS

CN 9H-Purin-6-amine, 2-chloro-9-[2-deoxy-2-fluoro-5-O-[hydroxy[3-(tridecylthio)-2-(undecyloxy)propoxy]phosphinyl]-β-D-arabinofuranosyl]- (9CI) (CA INDEX NAME)

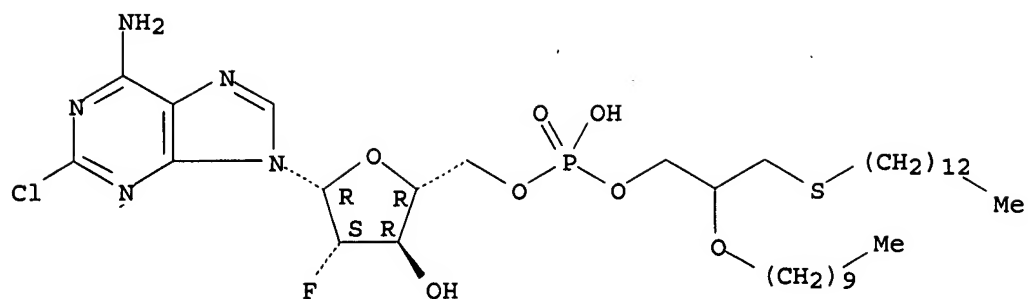
Absolute stereochemistry.



RN 756843-78-4 CAPLUS

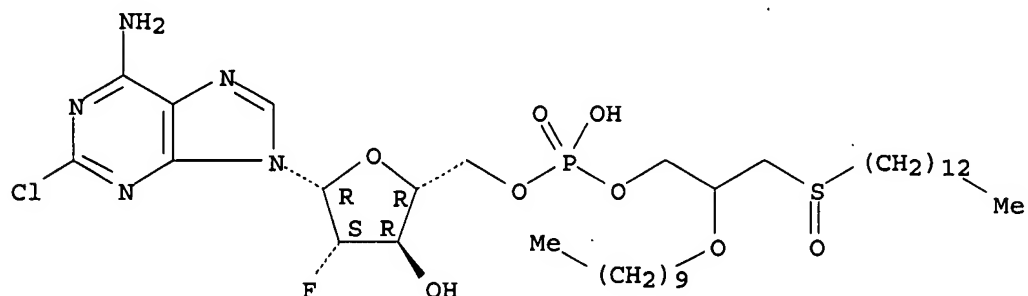
CN 9H-Purin-6-amine, 2-chloro-9-[5-O-[[2-(decyloxy)-3-(tridecylthio)propoxy]hydroxyphosphinyl]-2-deoxy-2-fluoro-β-D-arabinofuranosyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 756843-79-5 CAPLUS
 CN 9H-Purin-6-amine, 2-chloro-9-[5-O-[[2-(decyloxy)-3-(tridecylsulfanyl)propoxy]hydroxyphosphinyl]-2-deoxy-2-fluoro-β-D-arabinofuranosyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



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(FILE 'HOME' ENTERED AT 15:05:29 ON 14 MAY 2007)

FILE 'REGISTRY' ENTERED AT 15:05:38 ON 14 MAY 2007

L1 STRUCTURE UPLOADED

L2 3 S L1 SSS SAM

L3 21 S L1 SSS FULL

FILE 'CAPLUS' ENTERED AT 15:07:21 ON 14 MAY 2007

L4 2 S L3

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